

Experience of an Expert (Cont.)

598

develop. He discusses the different methods of grinding of various shapes and suggests ways of improving existing methods. The rest of the book is devoted to the technicalities of grinding, honing and lapping. There are numerous diagrams and sketches. In conclusion the author stresses the need for sharing industrial "know-how" and for a close cooperation between the shop and the engineering office. The following Soviet authorities in the field of electroerosion personalities are mentioned: Lazarenko, Gysev, and Ulitin. There are no references.

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AVAILABLE: Library of Congress

GO/gmp

August 29, 1958

Card 3/3

GABR, Yaroslav [Habr, Jaroslav], ekonomist; DAN'KO, Yu.T. [translator];  
GERCHUK, Ya.P., red.; SEMENOVA, N.Kh., red.; MELENT'YEV, A.M.,  
tekhn.red.

[Linear programming; manual for economists] Lineinoe programmiro-  
vanie; posobie dlia ekonomistov. Pod red. IA.P.Gerchuka. Moskva,  
Gosstatizdat TsSU SSSR, 1960. 134 p. (MIRA 14:3)  
(Linear programming)

BOGALIN, A.O., inzh.; ~~DANKOV, A.A., inzh.~~

Using machinery in crushing lumps of frozen sand. Prom.stroi. 37  
no.8:52-55 kg '59. (MIRA 12:11)  
(Crushing machinery) (Sand—Cold weather conditions)

DANKOV, E.

DANKOV, E. The higher Institute for Mechanization and Electrification  
of Agriculture in Ruse. p.4.

Vol. 7. no. 5, May 1956, MASHINIZIRANO ZEMEDELIE, SOFIYA, BULGARIA

SO: Monthly List of East European Accessions, (EEAL), 18, Vol. 5, No. 10,  
Oct. 1956.

DAN'KOV, I. A.

IOPA, I.S.; DAN'KOV, I.A.; MANNOV, G.M.

Using Academician V.P. Filatov's tissue preparations on Ryazan  
Province livestock farms. Veterinariia 34 no.10:25-29 0 '57.  
(MLRA 10:11)

1. Zamestitel' nachal'nika oblastnogo upravleniya sel'skogo kho-  
zyaystva Ryazanskoy oblasti (for Iopa). 2. Nachal'nik veterinarnogo  
otdela oblastnogo upravleniya sel'skogo khozyaystva Ryazanskoy  
oblasti (for Dan'kov). 3. Direktor Ryazanskoy oblastnoy veterinarnoy  
bakteriologicheskoy laboratorii (for Mannov).

(Tissue extracts)

(Ryazan Province--Stock and stock breeding)

DANKOV, K.

"Financial Accounting in the Soviet Cooperative Organizations, Members of the  
Central Union." p.6  
(NARODNA KOOPERATSIYA No. 5, May 1953 Sofiya, Bulgaria)

SO: Monthly List of East European Accessions, Library of Congress, Vol. 2, No. 9,  
Oct. 1953, Uncl.

DAN'KOV, O.N.

Rural roads in tidal areas. Avt. dor. 27 no.8:27 Ag '64.  
(MIRA 17:12)



DANKOV, P. P.

"Optimal behaviour of automaton in the simplest random environment"

report submitted for the Intl. Symposium on Relay Systems and Finite Automata Theory (IFAC), Moscow, 24 Sep-2 Oct 1962.

DANEV, P.P.

Optical procedures for tracking the a system of statistical  
decisions. Radiotekhn. i elektron. 10 no.10:1774-1783 1965.

(MIRA 18:10)

L 10352-66 EWT(d)/FSS-2/EWP(1) IJP(c) BB/GG

ACC NR: AP5026897

SOURCE CODE: UR/0109/65/010/010/1774/1782

AUTHOR: Dankov, P. P.

ORG: none

TITLE: Optimal learning procedures for making statistical decisions

SOURCE: Radiotekhnika i elektronika, v. 10, no. 10, 1965, 1774-1782

TOPIC TAGS: statistics, optimal receiver, adaptive receiver

ABSTRACT: The problem is considered of finding optimal procedures in recognition of random quantities (signals in background noise, visual or audio patterns, etc.) in those cases when the information on distribution laws of these quantities comes from observation of a limited number of their realizations.

Mathematically, with  $K$  independent observations  $U_1, \dots, U_K$  of the random quantity  $U$  and  $L$  independent observations  $V_1, \dots, V_L$  of the random quantity  $V$

Card 1/2

UDC: 621.391.193

L 10352-66

ACC NR: AP5026897

available, a decision algorithm  $\varphi$  is developed which permits, for any  $M$  independent observations  $W_1, \dots, W_M$  of random quantity  $W$ , to make a decision whether  $W$  is the random quantity  $U$  or it is the quantity  $V$ ; naturally,  $\varphi$  may take on only two values, 1 and 0. The quantities  $U$  and  $V$  are single-variable, normal, and have the same known dispersion  $\sigma^2$  and the unknown expectations  $\omega_1$  and  $\omega_0$ . By using the generalized Neyman-Pearson criterion, a most powerful algorithm is obtained for which the average probability of the first-kind error can be arbitrarily specified. The final result may prove useful in designing an adaptive receiver which would discern the signals differing only by their a-priori unknown amplitudes. "The author wishes to thank B. S. Fleyshman for a very useful discussion of the above problems." Orig. art. has: 44 formulas.

SUB CODE: 12, 17 / SUBM DATE: 17Jul64 / ORIG REF: 003 / OTH REF: 007

BC

Card 2/2

DANKOV, S.S., mayor meditsinskoy sluzhby

Modified apparatus for the rythrocyte sedimentation reaction.  
Voen.-med. zhur. no.9:70-72 S '51. (MIRA 9:9)  
(BLOOD--SEDIMENTATION)  
(MEDICAL INSTRUMENTS AND APPARATUS)

DANKOV, S. S.

"Therapeutic Physical Exercises When Treating a Broken Hip," Voenno-Med.  
Zhur., No. 6, p. 14, 1955.

DANKOV, S.S., podpolkovnik meditsinskoy sluzhby

Improved Böhler's splint allowing early active movements. Voen.-med.  
zhur. no.4:74-75 Ap '56. (MIRA 9:9)  
(SPLINTS (SURGERY))

BIBIKOVA, V.A.; MEDVEDEVSKIKH, V.I.; DANKOV, S.S.

Epizootiological role of the fleas of greater gerbils. Report  
No.4. Xenophylla skrjabini Ioff 1928. Med. paraz. i paraz. bol.  
32 no.5:622 S-0'63 (MIRA 16:12)

1. Iz Sredneaziatskogo nauchno-issledovatel'skogo protivochum-  
nogo instituta i Gur'yevskoy protivochumnoy stantsii.



*DANKOV, T.*

COUNTRY : BULGARIA  
 CATEGORY : Plant Physiology. Water Conditions. I  
 ASS. JOUR. : RZhBiol., No. 3 1959, No. 10613  
 AUTHOR : Stoilov, M., Dankov, T.  
 INST. : Bulgarian Academy of Sciences  
 TITLE : Studies on the Diurnal Rate and Intensity of the  
 Transpiration in Some Subtropical Plants.  
 ORIG. PUB. : Inv. In-ta gerata. Bulg. ad. 1958, kn. 3. 449-459  
 ABSTRACT : The diurnal rate and intensity of the transpiration in  
 tea and lemon plants in the presence of different amounts  
 of air and soil moisture were studied for 2 years by  
 means of the determination of evaporated water with  
 Stefanov method. The intensity of transpiration of 2 and  
 3-year old tea and lemon plants was higher in the presence  
 of low humidity of the air, and also in June in comparison  
 with October and November. With the relative humidity of

CARD: 1/2

13

USSR/Farm Animals - Poultry

Abs Jour : Ref Zhur- Biol., No 15, 1958, 69424

Author : Velichkin, P.A., Dankov, V.I.

Inst : -

Title : Feeding of Squash to Hens in Order to Control  
Ascariidosis and Heterakidosis

Orig Pub : Ptitsevodstvo, 1957, No 9, 40

Abstract : No abstract.

Card 1/1

DAN'KOV, V.I., inzh.

Making a drift of 709 meters in one month with a single working.  
Shakht. stroi. 5 no.6:19-23 Je '61. (MIRA 14:6)

1. Glavnyy inzh. shakhty No. 15 tresta Pervomayskugol' kombinata  
Luganskugol'.  
(Mining engineering)

DAN'KOV, V.I.

Mining/709 meters of drift per month. Ugol' Ukr. 5 no.5:26-28 My  
'61. (MIRA 14:5)

1. Glavnyy inzh. shakhty No.15/20 tresta Pervomayskugol'.  
(Donets Basin—Coal mines and mining—Labor productivity)

DANKOV, V.S.

[Agricultural tax] Sel'skokhoziaistvennyi nalog. Moskva, Gosfinizdat, 1952.  
131 p. (MLBA 6:12)

(Taxation) (Agricultural laws and legislation)

DANKOV, V. S.

Podokhodnyi nalog s kolkhozov [Income taxes from collective farms]. Moskva, Gosfinizdat, 1953. 76 p.

SO: Monthly List of Russian Accessions, Vol. 6, No. 5, August 1953.

DANKOVA, A.N.

Reflexes from the receptors of the vessels of the tongue affecting  
arterial and venous pressure, respiration, and lymph circulation.  
Izv. AN Kazakh. SSR, Ser. med. i fiziol. no.2:26-31 '59 (MIRA 13:3)  
(REFLEXES) (TONGUE--INNERVATION)

MUSATOVA, L.P.; DANKOVA, A.N.

Effect of hypothermia on vascular permeability and lymph circulation. Izv. AN Kazakh. SSR. Ser. med. nauk no. 1311-15 '64  
(MIRA 1787)



DANKOVA, A. N.; POTAPOV, I. A.

Participation of the lymphatic vessels in the lymph flow changes  
caused by some interoceptive stimulations. Izv. AN Kazakh. SSR.  
Ser. med. nauk 11 no.2:22-26 '64. (MTE: 17:7)

2

ČESKOSLOVENSKO

DANKOVA, D; STYTL, K.

1. Chair of Tuberculosis UCL (Katedra tuberkulózy UEL),  
Prague; Research Institute of Tuberculosis (Vyz-  
kumní ústav tuberkulózy), Prague

Prague, Ročník v tuberkulóze, No 6-7, 1963, pp 421-425

"Relapses of Respiratory System Tuberculosis found During  
the 15 month Operation of the Epidemiological and  
Clinical Study of Tuberculosis in Czechoslovakia  
in Collaboration with WHO."

2  
CZECHOSLOVAKIA

STIBLO, Z; DANKOVA, D.

1. Research Institute of Tuberculosis (Vyzkumny ustav tuberkulózy), Prague; 2. Chair of Tuberculosis UDL (Katedra tuberkulózy UDL), Prague

Prague, Hochškolny v tuberkulóze, No 6-7, 1963, pp 484-487

"Some Radiographical Findings about the Origin, Course and Therapy of the Respiratory System as Observed in the First Two Years of the Kolin Study."

JARMIKA...DANKOVA

Distr: 4E3d

15

5  
1

The specific heat of ferroelectric ceramics. Jarmla Dankova (Karlova Univ., Prague). *Czechoslov. J. Phys.* 6, 407-8 (1956) (in English).—The temp. dependence of the sp. heat ( $\lambda$ ) of ceramic dielectrics (60% BaTiO<sub>3</sub>, 25 CaTiO<sub>3</sub>, 15% SrTiO<sub>3</sub>) was studied between  $-170^\circ$  and  $140^\circ$ . Particular attention was given to the region in which the ferroelectric transition took place. An elec. vacuum calorimeter of the Nernst type was used operating at  $10^{-3}$  mm. Hg. The ferroelectric transition occurred gradually from  $-20^\circ$  to  $+70^\circ$ , and  $\lambda$  increased almost linearly in this region. E. O. R.

RE  
1/1

1956, 4.

Specific heat of polytetrafluoroethylene, 1956, 4, 485

THEORY OF THE POLYMERIZATION OF ETHYLENE  
Vol. 1, no. 4, July 1956

Chemical Abstracts

SO. 1956, 4, 485 1956, 4, 485 1956, 4, 485 1956, 4, 485

TUMA, J. ; STURMA, A.; KANTUREK, V.; DANZKOVA, J.

A psychophysiological and biochemical study in university students during exams. *Activ. nerv. sup. (Praha)* 7 no.2: 181-183 '65

1. Institute of Aviation Medicine, Prague; Military Academy, Prague and Institute of Industrial Hygiene and Occupational Diseases, Prague. 2. J. Tuma's address: Praha 6, Na diouhem 14a 14.

L 12948-66

ACC NR: AP6005670

SOURCE CODE: CZ/0079/65/007/002/0181/0183

AUTHOR: Tuma, J.; Sturma, A.; Kanturek, V.; Dankova, J.

26B

ORG: Institute of Aviation Medicine, Prague; Military Academy, Prague; Institute of Industrial Hygiene and Occupational Diseases, Prague

TITLE: Psychophysiological and biochemical study in university students during examinations [This paper was presented at the Third Interdisciplinary Conference on Experimental and Clinical Study of Higher Nervous Functions held in Marianske Lazne from 19 to 23 October 1964.]

SOURCE: *Activitas nervosa superior*, v. 7, no. 2, 1965, 181-183

TOPIC TAGS: psychophysiology, biochemistry, man, vision

ABSTRACT: Methods relating to different functional levels of higher nervous functions were used. An arithmetical test, a test for critical frequency of intermittent visual stimulation, and the clock test (stopping a clock at a given point on the dial). Twelve students aged 30-35 years were studied. In all students an increase in the performance after the examinations was found. The flicker fusion frequency was only slightly altered. However, neurotic students showed a lower performance with the clock test after the examinations. The changes were not due to the importance of the load but more to the conditions under which the tests were made. The CNS showed changes that indicate a negative effect of mental strain. Orig. art. has: 1 table. [JPRS]

SUB CODE: 05 06 / SUBM DATE: none

Card 1/1

*DANKOVA, M*

PROCHAZKA, J.; CERVENY, R.; DANKOVA, M.; GRUNBERG, J.

Infectious diseases in adolescents. *Pediat. listy*, Praha 7 no. 3:  
150-153 May-June 1952. (CLML 22:4)

1. Of the Infectious Department of Prague-Bulovka District Hospital.



*DAN'KOVA, M. N.*

NOVIKOV, A.V.; GANINA, A.Z.; ONEGINA, A.K.; STULOVA, M.V.; AZAROVA, L.A.;  
~~DAN'KOVA, M.N.~~; OPOLCHENTSEVA, T.D.; SHIBAYEV, D.P.; ZHABYKO, Ye.G.;  
MINKINA, A.G.; OVSYANKINA, Ye.I.; SAVENKOV, F.S., red.; SLENZIN,  
A.A., red.; FOMICHEV, P.M., tekhn.red.

[Economy of Kaluga Province; collected statistics] Narodnoe khoziai-  
stvo Kaluzhskoi oblasti; statisticheskii sbornik. Moskva, Gos.stat.  
izd-vo, 1957. 142 p. (MIRA 11:6)

1. Kaluzhskaya oblast', Statisticheskoye upravlenie. 2. Statisti-  
cheskoye upravleniye Kaluzhskoy oblasti (for all except Savenkov,  
Slenzin, Fomichev) 2. Nachal'nik Statisticheskogo upravleniya  
Kaluzhskoy oblasti (for Savenkov)  
(Kaluga Province--Economic conditions--Statistics)

CA DANKOVA, M. V.

15

The properties of granular fertilizer. P. A. Haranov and  
M. V. Dankova. *Doklady Vsesoyuz. Akad. Nauk SSSR*.  
*Nauk. im. V. I. Lenina* 17, No. 1, 3-4 (1932).—Granular  
superphosphate loses some of its availability when the gran-  
ules are disturbed, such as by cultivation, after having been  
placed in the soil. This phenomenon was much more  
noted in the granular phosphates as compared with the  
powdery form. J. S. Joffe

SIROVIN, Yu.P.; DANKOVA, M.V.

Effect of nitrogen and phosphorus fertilizers on perennial  
grasses. Zemledelie 6 no.10:46-51 0 '58. (MIRA 11:11)

1. Vsesoyuznyy institut udobreniy i agropochvovedeniya.  
(Grasses--Fertilizers and manures)

DANKOVA, N.M.

AUTHORS: Rozina, A.M., Dankova, N.M., Amitina, N.I. and  
Rutshteyn, E.M.

68-5-10/14

TITLE: Photocolorimetric method of determining cyanide in gas.  
(Fotokolorimetricheskiy metod opredeleniya tsiana v gaze).

PERIODICAL: "Koks i Khimiya" (Coke and Chemistry), 1957, No.5,  
pp.45-46 (U.S.S.R.)

ABSTRACT: The method consists of transferring  $CN^+$  into  $CNS^+$  and measuring the intensity of the colour of  $Fe(CNS)_3$  with a photocolorimeter. Gas (3 to 3.5 l) is passed through a 4N NaOH solution which is then diluted to a known volume (100 ml) and an aliquot portion (50 ml) is boiled for 2 minutes with 0.2 ml of  $(NH_4)_2S_n$  and 5 ml of a 10% solution of  $CdCl_2$ . The mixture is filtered and the filtrate is transferred into a 100 ml measuring flask to which 10 ml of 58-60% nitric acid 5 ml of 10% solution of  $FeCl_3$  is added. The solution so obtained is diluted with distilled water to 100 ml and after standing for 30 minutes the intensity of colour is measured using a green filter. For comparison, a blank determination is made. It is claimed that the method gives satisfactory results (see Table).

Card 1/2 The whole determination takes 90 minutes.

AUTHORS: Dankova, N. M. and Nagornyy, A. G.

68-58-6-11/21

TITLE: Corrosion of Apparatus and Preventive Measures on the Coke Oven Gas Desulphurisation Plant by the Sodium Arsenate Method (Korroziya apparatury i mery bor'by s neyu v tsekhe mysh'yakovo-sodovoy seroochistki)

PERIODICAL: Koks i Khimiya, 1958, Nr 6, pp 44-48 (USSR)

ABSTRACT: An excessive corrosion of the gas purification plant necessitated a thorough investigation of the problem. This was carried out in two directions: 1) studies of the state of the apparatus and pipelines in order to discover parts which were attacked by corrosion and the nature of the damage; 2) observations of the state of specimens of materials and protective coatings submitted to the action of a corresponding media. On the basis of this work some measures to prevent corrosion were taken. In the paper the results of the work which was carried out are described in some detail. It was found that the degree of corrosion depends on the concentration of sulphur compounds in the gas and on the gas throughput.

Card 1/2 When the plant is overloaded in respect of the gas throughput, corrosion becomes so intensive that in a very short time the plant has to be stopped (as was the case in the Zhdanov Plant where the second part of the plant was not ready on time). The most intense corrosion was observed in stationary places where no stirring action

Corrosion of Apparatus and Preventive Measures on the Coke Oven Gas  
Desulphurisation Plant by the Sodium Arsenate Method

68-58-6-11/21

takes place, in the places of the highest concentration of hydrogen sulphide in the solution (bottom parts of scrubbers) and of electrically welded joints. When designing new plants the following preventive measures are recommended: a) protection coatings of the bottom part of the scrubbers and regenerators; b) electrically welded joints where possible should be made from both sides (outside and inside); c) parts of the plant submitted to the action of a corrosive solution (overflow pipes of spray coolers, air bubblers in regenerators, etc.) should be made from low alloy stainless steels; d) beams supporting hurdles should be made of larger dimensions so as to provide some reserve for corrosion; e) connecting pipes welded into the gas mains and into scrubbers should be made from thick walled tubes etc. The degree of stability of some types of special steels and coatings was established. There is one table.

Card 2/2

ASSOCIATION: Zhdanovskiy koksokhimicheskiy savod (Zhdanov Coal-tar Chemical Plant)

1. Chemical plants--Corrosion
2. Gases--Purification
3. Corrosion--Countermeasures
4. Sodium arsenate--Applications
5. Sulfur compounds--Corrosive effects

AUTHOR: Dankova, N.M.

SOV/68-59-8-19/32

TITLE: ~~Corrosion~~ of Apparatus and Preventive Measures in  
the Coke Oven By-Products Plants (Korroziya  
apparatury i bor'ba s ney v tsekhakh ulavlivaniya)

PERIODICAL: Koks i khimiya, 1959, Nr 8, pp 41-43 (USSR)

ABSTRACT: Corrosion on the by-product plant of the Zhdanovsk  
Works operating with the creosote absorption oil is  
discussed. The resistance to corrosion of various  
materials in the benzole column was tested. The  
results are given in table 1. It was found that  
aluminium is the most corrosion resistant material  
for the protection of distillation columns and tanks  
for hot and cold debenzolised oil. Tubes from steels  
EYalT and Kh18N12M2T are stable in the mother liquor  
of ammonium sulphate plant. Faolite pipeline and  
fittings are acid and corrosion resistant but  
mechanically insufficiently strong. Steel parts clad

Card 1/2

SOV/68-59-8-19/32

Corrosion of Apparatus and Preventive Measures in the Coke Oven  
By-Products Plants

in faolite could be used successfully. There is  
1 table.

ASSOCIATION: Zhdanovskiy koksokhimicheskiy zavod  
(Zhdanov Coking Works)

Card 2/2



DANKOVA, N.M.; GAYAGA, V.S.

Corrosion of quenching cars. Koks i khim. no.9:29-30 '60.  
(MIRA 13:9)

1. Zhdanovskiy koksokhimicheskiy zavod.  
(Coke industry—Equipment and supplies)

DANKOVA, N.M.

Corrosion of equipment caused by circulating water. Koks 1  
khim. no.1:56-59 '62. (MIRA 15:2)

1. Zhdanovskiy koksokhimicheskiy zavod.  
(Coke industry—Equipment and supplies)  
(Corrosion and anticorrosives)

LEVCHENKO, Z.I.; DANKOVA, N.M.

Use of wire reinforced faolite for the protection of chemical apparatus.  
Koks i khim. no.10:49-50 '62. (MIRA 16:9)

1. Zhdanovskiy koksokhimicheskiy zavod.  
(Faolite) (Chemical apparatus—Corrosion)

The synthesis of piperylene from furalural. I. A. M. Beckenheilm and E. F. Bantura, *J. Gen. Chem.* (U. S. S. R.), 19, 924 31(1949).—The synthesis of piperylene (1,3,5 R.), 924 31(1949).—The synthesis of piperylene from pentadiene (I) from furalural has been undertaken with the view to use I as starting material in the manufacture of synthetic rubber. To a mixt. of 350 g. tech. furalural, 910 ml. H<sub>2</sub>O and 910 ml. 40% HCHO, cooled to 5°, there is added 840 g. 50% NaOH soln. within 25–30 min. The temp. is not allowed to rise above 15–20°. After the NaOH soln. has been added the mixt. is heated for 6 hrs. to 40–45° while stirring, then allowed to stand for 10–18 hrs. and finally extd. with ether. Furalural alc. (II), b. 81–2°, yield, 90–1%, is obtained after evapn. of the ether and distn. of the residue *in vacuo*. II (100 g.) in ether and distn. of the residue introduced into 1635 ml. 0.5 N 130 ml. H<sub>2</sub>O + 15 ml. alc. is introduced into 1635 ml. 0.5 N 130 ml. H<sub>2</sub>O + 15 ml. alc. is introduced into 1635 ml. 0.5 N HCl while boiling for 15–20 min. The reaction mixt. is cooled rapidly, filtered and evapd. *in vacuo*. Levulinic acid (III) distills at 144–6° and 14 mm. in 62–4% yield. To 30 g. III in 100 g. 10% NaOH 300 g. 4% Na-Hg is added in small portions at 35–40° while stirring. The mixt. is kept overnight and then another portion of 225–30 g. Na-Hg is added under the same conditions. After the reduction is finished, the reaction mixt. is acidified with H<sub>2</sub>SO<sub>4</sub>, filtered, acidified with concd. H<sub>2</sub>SO<sub>4</sub> and boiled for 20–30 min. After cooling, the reaction mixt. is extd. repeatedly with ether. The ether soln. is dried, the ether

evapd. and the residue distd.  $\gamma$ -Valerolactone (IV), b. 202-4°, is obtained in 81-82% yield. III may also be reduced to IV electrolytically, the yield of IV being 61-83%. IV (20 g.) in 30 g. abs. alc. is quickly introduced at 60°. IV (20 g.) in 30 g. alc. and 28 g. Na that has been into a mixt. of 120 g. xylene and 28 g. Na that has been previously heated to 90°. Then 100 ml. abs. alc. is added, stirring is continued until the mixt. is boiled for 15-20 40 ml. 50% alc. is added and xylene is eliminated from the mixt. by min. Alc. and xylene are eliminated from the mixt. with means of steam. The residue, after cooling, is acid. with potash and the resulting 1,4-pentanediol (V) estd. with ether. V, b. 220-2°, is obtained in 50% yield (based on IV). 1,4-Dibromopentane (21 g.) obtained from V on heating with HBr acid. at 0°, is treated slowly at 175-80° with 21 g. PhNMe. The reaction product b. 110-20°. The distillate is purified by distn. The bromopentene, b. 127-8°,  $d_4^{25} 1.2547$ , is isolated in 50-60% yield. Monobromopentene (15 g.) is added to 10 g. KOH in 15 g. 90% alc. while stirring and heating. I distils from the reaction mixt. and b. 40.5-1.5°,  $d_4^{20} 0.8234$ , after purification. The yield is 40%. I yields a tetrabromide, m. 116°. The by-product formed is the unsatd. ether C<sub>11</sub>H<sub>18</sub>O<sub>2</sub>. Gertrude Berend b. 120-3°.

Latitude Hereinafter

RESEARCH AND DEVELOPMENT		COMPOSITION AND PROPERTIES INDEX	
<p>bc</p> <p>Reaction of elimination of hydrogen bromide from substituted dihydroindoles. L. A. M. BARKER, W. J. H. BARKER, J. Chem. Soc., 1959, 1959, 1959. 1,3-Dihydroindole (I) and quinoline (II) give 1,3-dihydroindole (I) and quinoline (II) in 80% yield; an additional product is also formed, and this with N-OH gives 1,3-dihydro-N-quinolinepyridine, m.p. 120-121°C (decolor). (I) and NPMa react at 175-180°C as follows: (I) + NPMa → C<sub>10</sub>H<sub>10</sub>N<sub>2</sub> + NPMa, HBr (II) + (I) + NPMa → HBr; NPMa, HBr, NPMa, HBr; (I) + (I) + NPMa → 1-phenyl-2-methylpyridine. (I) and KOH in EtOH give 1,3-dihydroindole in 80% yield, but the chief product is the elimination of the C-H bond, together with the elimination of the C-H bond. With KOH-EtOH the elimination of C-H bond gives 1,3-dihydroindole in 80% and C<sub>10</sub>H<sub>10</sub>N<sub>2</sub> in 17% yield. R. T.</p>		2-3	
<p>ASS-51A METALLURGICAL LITERATURE CLASSIFICATION</p>			
<p>EDITION 1/1/1959</p>		<p>EDITION 1/1/1959</p>	

DANKOVA, T. F.

"Preparations in the Class of Quaternary Ammonium Salts," Zhur. Obshch. Khim.,  
15, No.3, 1945

Moscow Inst. Fine Chemical Technology im. M.V. Lomonosov

DANKOVA, T. F.

"The Synthesis of the Alkaloid Histamine." Dankova, T. F., Sidorova, E. A. and Preobrajensky, N. A. (p. 674)

SO: Journal of General Chemistry (Zhurnal Obshchei Khimii) 1945, Volume 15, no. 7-8.

DANKOVA, T. F.

"Synthesis of Troponone. II. Searching ways for the Synthesis of the Alkaloid Scopolamine."  
Preobrajensky, N. A., Rubtsov, I. A., Dankova, T. F. and Pavlov, V. P. (p. 952)

SO: Journal of General Chemistry (Zhurnal Obshchei Khimii) 1945, Volume 15, no. 11-12.



DANKOVA, T. F. Cand. Chem. Sci.

Dissertation: "Synthetic Investigations in the Field of the Analogs of Sympathomimetic and Parasympathomimetic A mines." Moscow Inst of Fine Chemical Technology imeni M. V. Lomonosov, 29 Sep 47.

SO: Vechernyaya Moskva, Sep, 1947 (Project #17836)

PA 30/49T13

USSR/Chemistry - Synthesis  
Chemistry - Alkaloids

Sep 48

"Synthetic Research in a Series of Analogues of a  
Colchicine Alkaloid," T. F. Dankova, L. G. Yev-  
dokimova, I. I. Stepanov, N. A. Preobrazhenskii,  
Moscow Inst Fine Chem Tech Imeni M. V. Lomonosov,  
84 pp

"Zhur Obshch Khimii" Vol XVIII, No 9

Describes synthesis of new derivatives of  $\beta$ -  
phenylethylamine. Structurally, they have many  
analogies with the proposed structure of colchi-  
cine and other well-known preparations with  
growth action. Synthesizes  $\beta$ -anisyl- $\gamma$ -

30/49T13

USSR/Chemistry - Synthesis (Contd)

Sep 48

(4-methoxy-phenyl)-propylacetamine and  $\beta$ -(n-oxy-  
phenyl)- $\gamma$ -(4-methoxyphenyl)-propylamine. Also  
prepares methyl ester of oxymethylenecamphor and  
methyl and ethyl esters of camphocarboxylic acid.  
Submitted 10 Nov 46.

30/49T13

DANKOVA, T. F.

176T32

DANKOVA, T. F.

USE Chemistry - Chemotherapeutic Agents Mar 51

"Synthesis of the Dimethylaminoethyl Ether of  
Diphenylcarbinol (Benadryl) and Its Analogues,"  
T. F. Dankova (Deceased), N. A. Preobrazhenskiy,  
M. A. Miropol'skaya, Stud, Moscow Inst Fine Chem  
Technol imeni M. V. Lomonosov

"Zhur Obshch Khim" Vol XXI, No 3, pp 570-574

Successful synthesis of dialkylaminoethyl and  
dialkylaminopropyl ethers of phenyl- and di-  
phenylcarbinol by interaction of diphenylcarbinol  
and benzyl alc with appropriate aminoalkylchlor-  
ides in presence of alc soln of sodium alcoholate.

176T32

DANKOVA, T. F.

USSR/Chemistry - Alkaloids

Apr 51

"Investigations on the Synthesis of a Number of Analogues of the Alkaloid Colchicine, II," T. F. Dankova(deceased), T. N. Bokova, N. A. Preobrazhenskiy; and A. Ye. Petrushenko, I. A. Il'shteyn, N. I. Shvetsov, Students, Moscow Inst of Fine Chem Tech

"Zhur Obshch Khim" Vol XXI, No 4, pp 787-800

To ascertain structure of colchicine and possibly find compds with simpler structure with colchicine-like action, synthesized the following, contg. proved or assumed structural elements of colchicine: 4 derivs of  $\alpha$ , B-Diphenylethylamine, 2 derivs of  $\alpha$ ,  $\beta$ -diphenylpropylamine, 2 derivs of B,  $\delta$ -(diphenyl)-butylamine, 7 derivs of  $\gamma$ -keto- $\alpha$ ,  $\beta$ -diphenylpropylene.

182T30

L 39677-66 GD-2

ACC NR: AP6009832

(A)

SOURCE CODE: UR/0413/66/000/004/0024/0024

AUTHOR: Chaykovskiy, V. F.; Kuznetsov, A. P.; Dankovskiy, V. B.

ORG: none

TITLE: A refrigeration unit which uses a two-component coolant. Class 17, No 178831

SOURCE: Izobreteniya, promyshlennyye obraztsy, tovarnyye znaki, no. 4, 1966, 24

TOPIC TAGS: refrigeration equipment, coolant, vapor condensation, gas compression, refrigerant gas

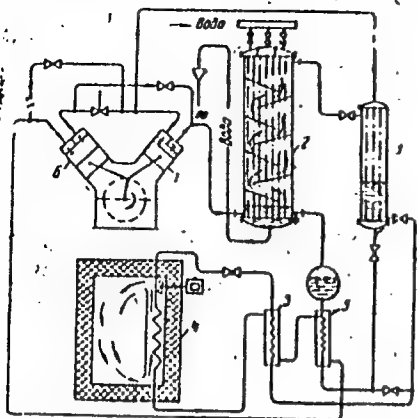
ABSTRACT: This Author's Certificate introduces a refrigeration unit which uses a two-component coolant. The device contains a compressor for the two-component vapor, a water- or air-cooled condenser where the high-boiling component is liquified, a vaporizing condenser for liquefaction of the low-boiling element by vaporization of the high-boiling component, a vaporizer for cold production and regenerated heat exchangers in which both components are recooled. The overall dimensions are reduced and the power indices are improved by using a booster at the input of the compressor for compressing the vapor of the low-boiling component.

UDC: 621.574.9-146.2

Card 1/2

L 39677-06

ACC NR: AP6009832



1--compressor; 2--condenser; 3--vaporizer  
condenser; 4--vaporizer for cold production;  
5--regenerative heat exchangers; 6--booster

SUB CODE: 13/

SUBM DATE: 20Jul64/

ORIG REF: 000/

OTH REF: 000

Card 2/2

B L b

DANKOVTSSEV, R.F.

Nature of silica in Oligocene sediments of the Nakhichevan trough.  
Min.syr'e no.5:87-95 '62. (MIRA 16:4)  
(Nakhichevan A.S.S.R.—Silica)

DANKOVTSY, R.F.

Prospects for finding phosphates in the Permian sediments of  
Transbaikalia. Min. syr'ie no. 10:86-93 '64.

(MIRA 18:3)



DANKOVTSSEV, R.F.

Some problems of geochemical methods of prospecting for  
uranium deposits in Siberia. Sov.geol. 8 no.11:104-114  
N '65.

(MIRA 19:1)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut mineral'nogo  
syr'ya.

DANKOWSKI, Tadeusz, mgr.

Geographical directions for the import of iron ore. Wiad  
hut 15 no.11/12:336-340 N-D '59.

DANKOWSKI, Tadeusz; GIELICZ, Ludwik

Internal prices and the metallurgic evaluation of ores.  
Wiad hutn 18 no.3:92-96 Mr '62.

DANKOWSKI, Tadeusz

Problem of quality control of imported iron ores and calculation  
of their metallurgical value. Wiad hut 18 no.9:268-271 S '62.

DANKOWSKI, Tadeusz, mgr

Iron ore. Wiad hut 15 no.6:195-198 Je '59.

DANKOWSKI, Telesz

Import of manganese and chromium ores. Wiad hut 16 no.6:183-  
185 Je '60.

DANKOWSKI, Tadeusz, Mgr.

Problem of rhythmicality of the iron ore import and its influence on the right supply of the ironworks. Wiad hut 19  
~~18.11.307-310~~ N'63.

DANKOWSKI, Tadeusz, mgr

Supply of imported iron ores for metallurgy during the  
past 20 years. Wiad hut 15 [i.e. 20] no.6:165-168 Je '64.



4C

L 24473-66 EWT(m)/T/EWP(t) IJP(c) JG/JD/JS  
ACC NR: AT6010576 (N) SOURCE CODE: UR/0000/65/000/000/0083/0095

AUTHOR: Mal'tsev, M. V.; Shulepov, V. I.; Britnev, G. P.; Zhdannikova, V. N.; 64  
Dannelyan, T. A.; Popova, Yu. S.; Fedotov, E. I.; Sheynberg, B. N. 60

ORG: All-Union Institute of Light Alloys (Vsesoyuznyy institut legkikh splavov) BT/

TITLE: Some data on the kinetics of the dissociation of a solid solution of inter-  
stitial impurities in cast molybdenum 18

SOURCE: AN UkrSSR. Mekhanizm plasticheskoy deformatsii metallov (Mechanism of the  
plastic deformation of metals). Kiev, Naukova dumka, 1965, 83-95

TOPIC TAGS: molybdenum, cast alloy, solid solution, crystal impurity, crystal  
lattice defect

ABSTRACT: The authors study the effect which the number and distribution of crystal  
lattice defects have on dissociation of a solid solution of interstitial impurities  
in molybdenum. The density and distribution of dislocations in cast molybdenum are  
determined principally by the parameters of the crystallization process (the rate of  
crystallization, temperature gradient in the liquid and solid metal etc.). An x-ray  
analysis of a molybdenum single crystal produced by electron-beam zone melting and

Card 1/2

2

L 24473-66

ACC NR: AT6010576

4  
containing interstitial impurities of carbon (0.01%) and oxygen (0.0015%) under optical and electron microscopes showed that the crystal is a single-phase solid solution of interstitial impurities in molybdenum. An entirely different picture is observed in cast molybdenum produced by arc melting. The decay of the solid solution in the ingots is localized on polygonization boundaries where the adjacent interstitial atoms are segregated. The compression stresses which arise at the interfaces tend to separate the crystals and are a cause of high brittleness in the cast metal. The polygonization single crystal in cast molybdenum is basically a saturated solid solution of interstitial impurities which decays only in widely scattered isolated sections. At the same time, the ductility of the polygonization single crystals is usually as high as in single crystals grown by zone melting. Various methods for increasing the ductility of cast molybdenum are discussed. Orig. art. has: 15 figures.

SUB CODE: 11,20/ SUBM DATE: 26Sep64/ ORIG REF: 001/ OTH REF: 000

Card 2/2 .

PB

I 38432-66 ENT(m)/ENP(t)/ETI IJP(e) JG/JD

ACC NR: AP6019579

SOURCE CODE: UR/0115/66/000/0050/0054

AUTHOR: Dankshevskiy, S. K.; Ipatova, S. I.; Oleynikov, P. P.;  
Oleynikova, L. D.; Pavlova, Ye. I.; Smirnova, N. I.; Trakhtenberg, L. I.

ORG: none 55

TITLE: Thermocouples made of molybdenum-rhenium alloys B

SOURCE: Izmeritel'naya tekhnika, no. 4, 1966, 50-54

TOPIC TAGS: thermocouple, molybdenum containing alloy, rhenium  
containing alloy, temperature measurement

ABSTRACT: From a study of the phase diagram of the system it is evident that, with a high rhenium content in the alloy, there is formed a large grain chemical compound ( $\propto$ -phase) which makes mechanical working difficult. Therefore, the present investigation was limited to pure rhenium and to alloys with a rhenium content of not more than 50 weight percent rhenium. The starting materials for production of the alloys were molybdenum powder and ammonium perrhenate. A mixture of molybdenum with a calculated amount of ammonium perrhenate was reduced in a stream of hydrogen in two stages, at temperatures of 350 and 950°C. The powder obtained was pressed into tablets and sintered in a hydrogen medium.

Card 1/2

UDC: 536.532

L 38432-66

ACC NR: AP6019579

Mechanical working of the alloys containing up to 30% of the alloying additive was analogous to that commonly used for molybdenum. The dependence of the electromotive force of the thermocouples on temperature for different alloys of molybdenum and rhenium was determined up to 1800°C. A platinum-platinum rhodium thermocouple was used as a control. Results are exhibited in a series of curves. The thermoelectric and mechanical properties of the thermocouples are listed in several large tables. It is concluded that thermocouples made of molybdenum-rhenium alloys can be used for temperature measurements in hydrocarbon media, for a limited time, not exceeding 1 to 2 hours, at temperatures up to 1500°C. Orig. art. has: 5 figures and 4 tables. [06]

SUB CODE: 11, 20 SUBM DATE: none/ ORIG REF: 006/ OTH REF: 003  
09

Card 2/2 *ph*

DANNENBERG, V.K.

Organization of the work of the province personnel. Farmatsev.  
zhur. 16 no.4:68-73 '61. (MIRA 17:6)

1. Zaveduyushchiy L'vovskim oblastnym aptechnym skladom.

DANNENBERG, V.K.

We are spreading advanced practices. Farmatsev. zhur. 17 no.3:81-82  
'62. (MIRA 17:10)

1. L'vovskiy oblastnoy aptechnyy sklad.

DANNER, G.

Using slotted perforated cards for card catalogs representing the state of the development of science and technology, as well as for card catalogs of patents. NTI no.11:29-34 '64.

(MIRA 18:1)

JANATA, J.; DANNINGER, F.

On the analgesic value of phenothiazine preparations in abortion.  
Cesk. gyn. 28 no.3:186-187 Ap '63.

1. Gyn.-por. odd. nemocnice v Horovicich, vedouci MUDr.  
F. Kolar. Gyn.-por. odd. OUNZ v Banskej Stiavnici, veduci  
MUDr. J. Straka.

(ABORTION, THERAPEUTIC) (ABORTION, LEGAL)  
(ANESTHESIA, OBSTETRICAL) (PROMETHAZINE)  
(MEPERIDINE) (TRANQUILIZING AGENTS)  
(ANTI-HISTAMINICS) (PHENOTHIAZINES)



DANNINGER, Gyorgy, okleveles gepeszmernok

Mine ventilation design tasks. Bany lap 95 no.8/9:575-578 Ag-S '62.

1. Banyaszati Tervezo Intezet, Budapest.

DANNINGER, Gyorgy, okleveles gepeszmernok; RAJKAY, Janos,  
okleveles gepeszmernok

Better utilization of compressed-air installations or  
the application of electric power transmission for saving  
energy. Banyaterv no. 17: 37-68 D '63.

DANON, Jakov

Phytocenologic studies of the meadows of the type *Agrostidetum vulgaris* and *Poterieto-Festucetum vallesiacae* in the environs of Krivi Vir. Arh biol nauka 12 no.1/2:1-9 '60.

1. Botanički institut Veterinarskog fakulteta, Beograd.

SMIT, S.; MILETIC, B.; GIGOV, A.; BOGDANOVIC, M.; DANON, J.; JANKOVIC, M.M.;  
CIPINA, T.; MILOSEVIC, R.; JANKOVIC, M-a; BOGDJEVIC, R.; STAVRIC, S.;  
DRAKULIC, M.; MATONICKIN, I.; PAVLETIC, Z.

Review of periodicals; biology. Bul se Kong 9 no.4/5:138-  
139 Ag-0 '64.

DANON, Natalija

"Tables and graphs." Reviewed by Natalija Danon. Zeleznice Jug  
20 no.4:43-45 Ap '64.

DANON, Natalija; JOVANOVIĆ, Doris

Cooperation of Yugoslav Railroads with international  
organizations. Železnice Jug 20 no.3:36-44, Mr '64.

KLIMMER, Antal, dr.; DABOS, Iaszlo, dr.

Possibilities of immunization against silicosis. II. Orv. hetil.  
106 no.4:157-158 24 Ja '65

1. Komloi Szénbányászati Tröszt, Szilikózis-kutató Csoport.

S/194/61/000/012/074/037  
D273/D301

AUTHORS: G"l"bov, S., Zheleva, M. and Danov, At.

TITLE: Experiments on preparing the triple vaccine TAB by an ultrasonic method

PERIODICAL: Referativnyy zhurnal, Avtomatika i radioelektronika, no. 12, 1961, 18, abstract 12E96 (zv. Mikrobiol.in-t B"lg. AN, 1960, 12, 71-78)

TEXT: Experimental methods are described using an ultrasonic method for preparing the triple vaccine (T) TAB, an inoculative preparation serving as a culture for three organisms: Typhoid and paratyphoid fever A and B. Preparation of T was carried out with vaccinal growths of several types (3) of each of these organisms. Originally, the properties of the vaccinal growths were studied, from which microbe suspensions were prepared. In order to compare the results of ultrasonic method of inactivation with existing methods, each growth was divided into 3 parts: One part was sounded, another was treated by 0.3% formalin, the third was heated for

Card 1/2



Experiments on preparing ...

S/194/61/000/012/074/097  
D273/D301

60 minutes at 800 Kc/s at an acoustic intensity of 10 volts/cm<sup>2</sup> at the transmitting surface of the vibrator. The morphologic and serologic properties of the growths were checked. The immunity and toxicity of the suspensions and T were studied. Investigation of immunity was carried out on mice. The sounded suspensions in comparison to the formalin preparation or the heated preparation have increased immunity. T sounded with subsequent heating in comparison to the heated one only has a decrease in immunity. T sounded with subsequent treatment by formalin compared to the only one treated by formalin has increased immunity. 4 tables. 14 references. [Abstractor's note: Complete translation.] ✓

Card 2/2

IANCHEVA, B.; DANOV, At.; ZHELEVA, M.; NITSOVA, P.; KHRISTANOVA, Tsv.; MESARSKI, N.; MIRCHEVA, M.

Antigenic content and immunogenic activity of typhous suspensions obtained through submerged cultivation with aeration. Nauch trud Inst kontrol lek 1:21-29 '63.

1. Scientific Research Institute for the State Control of Drugs, Sofia (for Iancheva, Danov, Zheleva, and Nitsova). 2. Scientific Research Institute of Epidemiology and Microbiology, Sofia (for Khristanova, Mesarski, and Mircheva).

DANOVSKIY, L.M., kand.tekhn.nauk; KOTYUKOV, I.A., kand.tekhn.nauk;  
~~KONDAKOV~~, N.P., kand.tekhn.nauk; SHATALIN, I.I., kand.  
tekhn.nauk; GEOMOV, L.K., kand.tekhn.nauk; PECHUGIN, D.A.,  
dots.; MIROSHIN, P.V., dots.; SHCHEPOTIN, K.I., assistant  
(Novosibirsk)

New textbook on tracks ("Tracks" by G.Al'brekht and others.  
Reviewed by L.M.Danovskii and others). Put' put.khoz.  
4 no.4:45-47 Ap '60. (MIRA 13:7)

1. Sotrudniki kafedry "Put' i putevoye khozyaystvo"  
Nauchno-issledovatel'skogo instituta inzhenerov.  
(Railroads--Track) (Al'brekht, G.) (Liders, G.V.)  
(Nikiforov, P.A.) (Chlenov, M.T.) (Chernyshev, M.A.)

DANKOVTSSEV, A.

Great leap forward. Nauka i pered.op.v sel'khoz. 9 no.9:  
34-36 S '59. (MIRA 13:2)

1. Nachal'nik krayevogo upravleniya sel'skogo khozyaystva,  
g.Krasnoyarsk.  
(Krasnoyarsk Territory--Agriculture)

DANKOVTSSEV, A.G.; SELEZNEV, V.S.; AVDEYEV, P.P.

System of measures worked out for the development of live-stock farming in Krasnoyarsk Territory. Zhivotnovodstvo 21 no.9:3-10 S '59. (MIRA 13:1)

1. Zamestitel' predsedatelya Krasnoyarskogo krayispolkoma; nachal'nik krayevogo upravleniya sel'skogo khozyaystva (for Dankovtsev). 2. Direktor Krasnoyarskogo nauchno-issledovatel'skogo instituta sel'skogo khozyaystva (for Seleznev). 3. Glav - nyy zootekhnik Krasnoyarskogo upravleniya sel'skogo khozyaystva (for Avdeyev).

(Krasnoyarsk Territory--Stock and stockbreeding)

DANKOWSKI, J.

Lisie Katy Glider School starts its season of achievements. p. 244. (SKRZYDLATA POLSKA, Vol. 10, No. 16, Apr. 1954, Warszawa, Poland)

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 3, No. 12, Dec. 1954, Uncl.

DANKOWSKI, J.

The matter of the length of a flight. p.12. (SKRZYDLATA POLSKA, Warszawa, Vol. 11, No. 10, Mar. 1955)

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 4, No. 6, June 1955, Uncl.

DANKOWSKI, J.

Gliders must have radios. p.12. (SKRZYDLATA POLSKA, Warszawa, Vol. 11, No. 10, Mar. 1955)

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 4, No. 6, June 1955, Uncl.



DANKS, L. Ya.

Copeognatha (Psocoptera) of the Batum and sochi Botanical Gardens.  
Ent.oboz. 34:180-184 '55. (MIRA 9:5)

1. Gosudarstvennyy muzey prirody Latvyskoy SSR, Riga.  
(Psocoptera)

11860

S/123/61/000/013/015/025  
A052/A101

AUTHORS: Kulikov, N. N.; Gorodetskiy, Yu. S.; Danku, Ye. P.

TITLE: Anticorrosion coating on aluminum

PERIODICAL: Referativnyy zhurnal, Mashinostroyeniye, no. 13, 1961, 102, abstract 13B726 ("Uch.zap. Kishinevsk. un-t", 1960, no. 56, 245-248)

TEXT: The results of an investigation of the oxidation of aluminum are reported. The oxidation has been performed in electrolyte being a mixture of sulfuric and zirconyl sulfuric acids. As a sample AM aluminum wire of 2mm diameter has been taken. Oxidation has been performed after a careful preliminary preparation and electropolishing. The electrolyte for anodizing consists of (in g/l): zirconylic acid (240), sulfuric acid (185), water (375). The treatment is done at the anode density of 10-13 a/dm<sup>2</sup>, voltage of 18-20 v, temperature of 35-38°C, duration of 30 min. /B

N. Savina

[Abstracter's note: Complete translation]

Card 1/1

DANNENBERG, V.K.

Work in a pharmacy warehouse. *Parhatsev. zhur.* 17 no.1:69-'72  
'62. (MIRA 15:6)

1. Zaveduyushchiy L'vovskim oblastnym aptechnym skladom.  
(PHARMACY)

DANNIN, S.

Filling plan for setting out forest belts ahead of time. Kolkh. proizv. 12  
No. 4, April 1952.

6(4)

06256

SOV/107-59-6-20/50

AUTHORS: Suzdalev, V. (UC2KAB), Kaplan, M., Dannikov, V., Radio Operators

TITLE: The Main Thing is Constant Training

PERIODICAL: Radio, 1959, Nr 6, p 15 (USSR)

ABSTRACT: The authors describe their activities at the group radio station UC2KAB which has been operating at the Gomelskaya oblast' Radio Club of DOSAAF since 1948. They explain briefly the preparations made for competitions and the training given to operators. The principal tubes in the equipment were replaced by new ones. The operators observe the passage of signals in the different ranges. These observations are used for setting up call schedules. Further, the authors briefly describe the equipment of their station. The transmitter was built in 1954 and works on 3.5, 7, 14, 21 and 28 Mc. It contains, among others, tubes 6S5, 6P6, G-801, GK-71. A ground plane

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06256

SOV/107-59-6-20/50

The Main Thing Is Constant Training

antenna is used. Different types of receivers are used, among them a "Chayka", "KVM" and an all-wave super-heterodyne. Presently, the operators are collecting their first experience in the 144-146 Mc range.

Card 2/2

DANIEL, J.

Effect of supersonics on the germination of corn seed.

p. 81 (Belgrade. Institut za fiziologiju razvika, genetiku i selekciju. Sbornik Radova.  
No. 4, 1956. Beograd, Yugoslavia)

Monthly Index of East European Accessions (MEIA) 10. Vol. 7, no. 2,  
February 1958

*DANON, J.*

SURNAME (in caps); Given Names

Country: Yugoslavia

Academic Degrees: not given

Affiliation: Institute

Source: Belgrade, Veterinarski glasnik, No 9, 1961, pp 735-738.

Title: "Examination of the Vegetation and Organic and Mineral Composition of the Pastures in Southern Kucaj."

Authors:

DANON, J., Institute for Botany of the Faculty of Veterinary Medicine  
(Institut za botaniku Veterinarskog fakulteta), Belgrade;

RADMIC, S., Institute for Toxicological Chemistry of the Pharmaceutical  
Faculty (Institut za toksikolosku hemiju Farmaceutskog fakulteta), Belgrade.



DANON, J.

SURNAME (in Latin); Given Names

Country: Yugoslavia

Academic Degrees: None given.

Affiliation: Institute for Botany (Institut za Botaniku). Presumed:  
Veterinary Faculty, University of Belgrade

Source: Belgrade, Acta Veterinaria, Vol 11, No 1, 1961, pp 75-78.

Data: "The Relationship between the Fluorine Content of Meadow  
Type Brometo-Cynosuretum Cristati and Hay Quality."

238

DANON, ENGINEER MISA (Colonel)

"Some Problems of Radio Communication and Commanding"

SO: Vojo-Tehnicki Glasnik, Issue 12, Belgrade, Dec 1953  
(D-6578, 18 Feb 54)

JANKOVIC, M.M.; MISIC, V.; POPOVIC, R.; DANON, J.; RADMI, S.; JOVANOVIĆ, E.;  
ZABIJAKIN, V.; MICEVSKI, K.; MARINOVIC, R.Z.; DIKLIC, N.; NIKOLIC, V.;  
PAVLOVIC, Z.; TATIC, B.; BLEGIC, V.; STJEPANOVIC, Lj.; CEROVIC, M.

Review of periodicals; botany. Bul se Young 9 no.4/5:139-140  
Ag-0 '64.

DANON, S.M., mlađszhiy nauchnyy sotrudnik., KOZAREVA, M.N., mlađshiy nauchnyy  
sotrudnik

Attempt to change the Escherichia coli population in rats. Gig.  
i san. 23 no.9:77-78 S '58 (MIRA 11:11)

1. Iz sanitarno-mikrobiologicheskoy laboratorii Bolgarskogo  
nauchno-issledovatel'skogo sanitarno-gigiyenicheskogo instituta  
(ESCHERICHIA COLI,  
change intestinal microflora in rats (Rus))